

Appendix C: Rare Plants that occur or have potential habitat on BLM, Bishop Field Office Lands

Note: California BLM, Policy. All CNPS list 1B species are considered BLM Special Status Plants. Other CNPS listed species are not considered Special Status Plants unless approved by the CA. BLM State Director.

Common Name Scientific Name Plant Family	Life Form	Legal Status [†]	Habitat	Known to occur (K), Potential Habitat (PH)
scalloped moonwort <i>Botrychium crenulatum</i> Ophioglossaceae	perennial rhizomatous herb	CNPS List 2	freshwater marshes, bogs, fens, meadows, and seep, 1500 to 3280 m elevation	PH
Wheeler's skeletonweed <i>Chaetadelpa wheeleri</i> Asteraceae	perennial rhizomatous herb	CNPS List 2	sandy soils in desert dunes, Great Basin scrub, and Mojave Desert scrub, 850 to 1900 m elevation	PH
Hall's hawkbeard <i>Crepis runcinata</i> ssp. <i>hallii</i> Asteraceae	perennial herb	CNPS List 2	mesic and alkaline soils in Mojave Desert scrub and pinyon-juniper woodland, 1250 to 1450 m elevation	K
bald fleabane <i>Erigeron calvus</i> Asteraceae	perennial herb	CNPS List 1B	Great Basin scrub at 1200 m elevation	PH
fernleaf fleabane <i>Erigeron compactus</i> Asteraceae	perennial herb	CNPS List 2	rocky and gravelly carbonate soils in pinyon- juniper woodland, 1300 to 2900 m elevation	K
lone fleabane <i>Erigeron uncialis</i> ssp. <i>uncialis</i> Asteraceae	perennial herb	CNPS List 2	carbonate soils in Great Basin scrub, 2100 to 2900 m elevation	K
Inyo rockdaisy <i>Perityle inyoensis</i> Asteraceae	perennial herb	BLMS CNPS List 1B	rocky carbonate soils in Great Basin scrub and pinyon-juniper woodland, 1800 to 2710 m elevation	K
fivefinger chickensage <i>Sphaeromeria potentilloides</i> var. <i>nitrophila</i> Asteraceae	perennial herb	CNPS List 2	alkaline soils in meadows, seeps, and playas, 2100 to 2400 m elevation	PH
fourpart horsebrush <i>Tetradymia tetrameres</i> Asteraceae	perennial shrub	CNPS List 2	sandy soils in Great Basin scrub, 1200 to 2135 m elevation	K
cushion Townsend daisy <i>Townsendia condensata</i> Asteraceae	perennial herb	CNPS List 2	gravelly soils in alpine boulder and rock fields and subalpine coniferous forest, 2865 to 3675 m elevation	K
Tulare cryptantha <i>Cryptantha incana</i> Boraginaceae	annual herb	CNPS List 1B	gravelly or rocky soils in lower montane coniferous forest, 1430 to 2000 m elevation	P
bristlecone cryptantha <i>Cryptantha roosiorum</i> Boraginaceae		BLMS SR		P

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Parish's popcornflower <i>Plagiobothrys parishii</i> Boraginaceae	annual herb	CNPS List 1B	mesic alkaline soils in Great Basin scrub, Joshua tree woodland, 750 to 1400 m elevation	P
Bodie Hills rockcress <i>Arabis bodiensis</i> Brassicaceae	perennial herb	BLMS CNPS List 1B	Great Basin scrub and pinyon-juniper woodland, 2085 to 3530 m elevation	K
sagebrush rockcress <i>Arabis cobrensis</i> Brassicaceae	perennial herb	CNPS List 2	sandy soils in Great Basin scrub and pinyon-juniper woodland	K
pinyon rockcress <i>Arabis dispar</i> Brassicaceae	perennial herb	CNPS List 2	granitic gravelly soils in Joshua tree woodland, Mojave Desert scrub, and pinyon-juniper woodland, 1200 to 2400 m elevation	P
cliffdweller <i>Caulostramina jaegeri</i> Brassicaceae	perennial herb	BLMS CNPS List 1B	rocky carbonate soils in Great Basin scrub and pinyon-juniper woodland	K
Bodie Hills cusickiella <i>Cusickiella quadricostata</i> Brassicaceae	perennial herb	BLMS CNPS List 1B	clay or rock soils in Great Basin scrub and pinyon-juniper woodland, 2000 to 2800 m elevation	K
sweetwater draba <i>Draba incrassata</i> Brassicaceae	perennial stoloniferous herb	CNPS List 1B	rhyolitic talus in alpine boulder and rock fields, 2500 to 3965 m elevation	P
Washoe combleaf <i>Polycytenium williamsiae</i> Brassicaceae	perennial herb	CNPS List 1B	marshes, alkali playas, and vernal pools, 1350 to 2700 m elevation	K
Masonic Mountain jewelflower <i>Streptanthus oliganthus</i> Brassicaceae	perennial herb	BLMS CNPS List 1B	rocky volcanic or granitic soils in pinyon-juniper woodland, 1980 to 3050 m elevation	K
entireleaved thelypody <i>Thelypodium integrifolium</i> ssp. <i>complanatum</i>	annual or perennial herb	CNPS List 1B	mesic alkaline or sub-alkaline soils in Great Basin scrub, meadows, and seeps, 1100 to 2500 m elevation	PH
Many-flowered thelypody <i>Thelypodium milleflorum</i> Brassicaceae	perennial herb	CNPS List 2	sandy soils in chenopod scrub and Great Basin scrub, 1220 to 2500 m elevation	PH
spreading pygmyleaf <i>Loeflingia squarrosa</i> var. <i>artemisiarum</i> Caryophyllaceae	annual herb	BLMS CNPS List 2	desert dunes and sandy Great Basin scrub, 700 to 1615 m elevation	K
silverleaf milkvetch <i>Astragalus argophyllus</i> var. <i>argophyllus</i> Fabaceae	perennial herb	BLMS CNPS List 2	alkaline or saline soils in meadows, seeps, and playas, 1240 to 2350 m elevation	K

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Cima milkvetch <i>Astragalus cimae</i> var. <i>sufflatus</i> Fabaceae	perennial herb	CNPS List 1B	rocky carbonate soils in Great Basin scrub and pinyon-juniper woodland, 1500 to 2075 m elevation	PH
Geyer's milkvetch <i>Astragalus geyeri</i> var. <i>geyeri</i> Fabaceae	annual herb	CNPS List 2	sandy soils in chenopod scrub and Great Basin scrub, 1160 to 1550 m elevation	PH
Long Valley milkvetch <i>Astragalus johannis-howellii</i> Fabaceae	perennial herb	BLMS SR CNPS List 1B	sandy loam soils in Great Basin scrub, usually in swales near hot springs, 2040 to 2530 m elevation	PH
Lemmon's milkvetch <i>Astragalus lemmonii</i> Fabaceae	perennial herb	CNPS List 1B	Great Basin scrub, meadows, seeps, marshes, and lake shores, 1280 to 2200 m elevation	PH
Fish Slough milkvetch <i>Astragalus lentiginosus</i> var. <i>piscinensis</i> Fabaceae	perennial herb	FT CNPS List 1B	alkaline playas, 1130 to 1300 m elevation	K
Mono milkvetch <i>Astragalus monoensis</i> Fabaceae	perennial herb	BLMS SR	gravelly or sandy soils in Great Basin scrub, 2110 to 3355 m elevation	K
Lavin's milkvetch <i>Astragalus oophorus</i> var. <i>lavinii</i> Fabaceae	perennial herb	CNPS List 1B	Great Basin scrub, 2450 to 3050 m elevation	K
broadkeel milkvetch <i>Astragalus platytropis</i> Fabaceae	perennial herb	CNPS List 2	rocky soils in alpine boulder and rock fields, pinyon-juniper woodland, and subalpine coniferous forest, 2345 to 3550 m elevation	PH
Tonopah milkvetch <i>Astragalus pseudiodanthus</i> Fabaceae	perennial herb	BLMS CNPS List 1B	Great Basin scrub and stabilized dunes, 2025 and 2075 m elevation	K
Shockley's milkvetch <i>Astragalus serenoii</i> var. <i>shockleyi</i> Fabaceae	perennial herb	CNPS List 2	alkali granitic alluvium in chenopod scrub, Great Basin scrub, and pinyon-juniper woodland, 1500 to 2250 m elevation	PH
Mono Lake lupine <i>Lupinus duranii</i> Fabaceae	perennial herb	BLMS CNPS List 1B	volcanic pumice and gravel in Great Basin scrub, 2000 to 3000 m elevation	K
Panamint Mountain lupine <i>Lupinus magnificus</i> var. <i>hesperius</i> Fabaceae	perennial herb	BLMS CNPS List 1B	sandy soils in Great Basin scrub, 1260 to 1830 m elevation	K

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Intermountain lupine <i>Lupinus pusillus</i> ssp. <i>intermontanus</i> Fabaceae	annual herb	CNPS List 2	sandy soils in Great Basin scrub, 1220 to 1600 m elevation	PH
Inyo phacelia <i>Phacelia inyoensis</i> Hydrophyllaceae	annual herb	CNPS List 1B	alkaline soils in meadows and seeps, 915 to 3200 m elevation	K
Mono phacelia <i>Phacelia monoensis</i> Hydrophyllaceae	annual herb	BLMS CNPS List 1B	clay soils, often along roads, in Great Basin scrub and pinyon-juniper woodland, 1900 to 2900 m elevation	K
Torrey's blazingstar <i>Mentzelia torreyi</i> Loasaceae	perennial herb	CNPS List 2	alkaline sandy or rocky soils, usually volcanic, in Great Basin scrub, Mojave Desert scrub, and pinyon-juniper woodland, 1170 to 2835 m elevation	K
Owens Valley sidalcea <i>Sidalcea covillei</i> Malvaceae	perennial herb	FC SE	mesic alkaline soils in chenopod scrub, meadows, and seeps, 1095 to 1415 m elevation	K
Booth's suncup <i>Camissonia boothii</i> ssp. <i>boothii</i> Onagraceae	annual herb	CNPS List 2	Joshua tree woodland, pinyon-juniper woodland, 900 to 2400 m elevation	PH
Booth's evening-primrose <i>Camissonia boothii</i> ssp. <i>intermedia</i> Onagraceae	annual herb	CNPS List 2	sandy soils in Great Basin scrub and pinyon-juniper woodland, 1500 to 2150 m elevation	PH
Louisiana broomrape <i>Orobanche ludoviciana</i> ssp. <i>ludoviciana</i> (=arenosa) Orobanchaceae	achloro-phyllous perennial herb	CNPS List 2	Great Basin scrub, 1600 m elevation	PH
Ripley's gilia <i>Gilia ripleyi</i> Polemoniaceae	perennial herb	CNPS List 2	carbonate soils in Mojave Desert scrub, 305 to 1770 m elevation	PH
Intermountain milkwort <i>Polygala intermontana</i> Polygalaceae	perennial shrub	CNPS List 2	pinyon-juniper woodland, 2010 to 3080 m elevation	K
July gold <i>Dedeckera eurekaensis</i> Polygonaceae	perennial deciduous shrub	BLMS SR	carbonate soils in Mojavean desert scrub, 1220 to 2200 m elevation	K
Telescope Peak buckwheat <i>Eriogonum eremicola</i> Polygonaceae	annual herb	BLMS CNPS List 1B	sandy or gravelly soils in pinyon-juniper woodland, 2200 to 3100 m elevation	PH
Panamint buckwheat <i>Eriogonum microthecum</i> var. <i>panamintense</i> Polygonaceae	perennial deciduous shrub	BLMS CNPS List 1B	rocky soils in pinyon-juniper woodland, 1900 to 3250 m elevation	K

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Dugway buckwheat <i>Eriogonum nutans</i> var. <i>nutans</i> Polygonaceae	annual herb	CNPS List 2	sandy or gravelly soils in chenopod scrub, 1220 to 3000 m elevation	PH
Alexander's buckwheat <i>Eriogonum ochrocephalum</i> var. <i>alexandrae</i> Polygonaceae	perennial herb	CNPS List 2	shale or gravelly soils in Great Basin scrub and pinyon-juniper woodland, 1300 to 2100 m elevation	PH
frogbit buttercup <i>Ranunculus hydrocharoides</i> Ranunculaceae	aquatic perennial herb	CNPS List 2	freshwater marshes, 1100 to 2700 m elevation	PH
King's mousetail <i>Ivesia kingii</i> Rosaceae	perennial herb	BLMS CNPS List 1B	mesic alkaline clay soils in Great Basin scrub, meadows, seeps, and playa, 1200 to 2130 m elevation	K
hard alumroot <i>Heuchera duranii</i> Saxifragaceae		BLMS		K
annual redspot monkeyflower <i>Mimulus parryi</i> Scrophulariaceae	annual herb	CNPS List 2	Great Basin scrub, 1200 to 2600 m elevation	PH
Nevada oryctes <i>Oryctes nevadensis</i> Solanaceae	annual herb	BLMS CNPS List 2	sandy soils in Chenopod scrub and Mojave Desert scrub, 1100 to 2535 m elevation	PH
golden violet <i>Viola aurea</i> Violaceae	perennial herb	CNPS List 2	sandy soils in Great Basin scrub and pinyon-juniper woodland, 1000 to 1800 m elevation	PH
hot springs fimbry <i>Fimbristylis thermalis</i> Cyperaceae	perennial rhizomatous herb	CNPS List 2	alkaline soils near hot springs in meadows and seeps, 120 to 1340 m elevation	K
dark red onion <i>Allium atrorubens</i> var. <i>atrorubens</i> Liliaceae	perennial bulbiferous herb	CNPS List 2	rocky or sandy soils in Great Basin scrub and pinyon-juniper woodland, 1200 to 2315 m elevation	PH
Inyo County startulip <i>Calochortus excavatus</i> Liliaceae	perennial bulbiferous herb	BLMS CNPS List 1B	mesic alkaline soils in chenopod scrub, meadows, and seeps, 1150 to 2000 m elevation	K
King's eyelashes <i>Blepharidachne kingii</i> Poaceae	perennial herb	CNPS List 2	carbonate soils in Great Basin scrub, 1065 to 2135 m elevation	PH
American mannagrass <i>Glyceria grandis</i> Poaceae	perennial rhizomatous herb	CNPS List 2	bogs, meadows, seeps, marshes, stream banks, and lake edges, 15 to 1980 m elevation	PH

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prairie wedgescale <i>Sphenopholis obtusata</i> Poaceae	perennial herb	CNPS List 2	mesic soils in cismontane woodland, meadows, and seeps, 300 to 2000 m elevation	PH
Robbins' pondweed <i>Potamogeton robbinsii</i> Potamogetonaceae	aquatic perennial rhizomatous herb	CNPS List 2	deep water in marshes and lakes, 1585 to 3300 m elevation	PH
fineleaf pondweed <i>Stuckenia filiformis</i> ssp. <i>alpina</i> (= <i>Potamogeton filiformis</i>) Potamogetonaceae	aquatic perennial rhizomatous herb	CNPS List 2	shallow freshwater marshes, 300 to 2150 m elevation	PH

Nomenclature for common and scientific names follows the USDA PLANTS database at <http://plants.usda.gov> accessed on 5 March 2004

Information about plant habitats and threats comes from the BLM Bishop botanist and from the California Native Plant Society Rare Plant Database at <http://www.northcoast.com/~cnps/cgi-bin/cnps/sensinv.cgi> and accessed on 5 March 2004

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Codes for Legal Status of rare plants are as follows:

- BLMS – BLM California Species of Concern
- CNPS List 1B –
- CNPS List 2 –
- FC – Federally listed species of concern
- FT – Federally listed threatened species
- SE – State of California listed endangered species
- SR – State of California listed rare species
- ST – State of California listed threatened species